

RAW SEQUENCE LISTING DATE: 11/08/2000
PATENT APPLICATION: US/09/696,872 TIME: 07:54:37

Input Set : A:\Seq.Listing.ASCII.txt
Output Set: N:\CRF3\11082000\I696872.raw

ENTERED

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4 <110> APPLICANT: Rothman, James
5 Mayhew, Mark
6 Hoe, Mee
8 <120> TITLE OF INVENTION: KDEL RECEPTOR INHIBITORS
11 <130> FILE REFERENCE: 31488
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/696,872
C--> 14 <141> CURRENT FILING DATE: 2000-10-26
16 <160> NUMBER OF SEQ ID NOS: 42
18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 46
22 <212> TYPE: PRT
23 <213> ORGANISM: Ratus ratus
25 <400> SEQUENCE: 1
26 Gly Asp Leu Ala Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala
27 1 5 10 15
28 Ala Leu Gln Asp Val Arg Glu Leu Leu Arg Gln Gln Val Lys Glu Ile
29 20 25 30
30 Thr Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly
31 35 40 45
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 46
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 2
39 Ser Asp Leu Gly Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala
40 1 5 10 15
41 Ala Leu Gln Asp Val Arg Asp Trp Leu Arg Gln Gln Val Arg Glu Ile
42 20 25 30
43 Thr Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly
44 35 40 45
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 46
48 <212> TYPE: PRT
49 <213> ORGANISM: Mus musculus
51 <400> SEQUENCE: 3
52 Gly Glu Gln Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln
53 1 5 10 15
54 Ile Leu Val Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met
55 20 25 30
56 Ser Leu Ile Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly
57 35 40 45
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 46
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 4
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65 Gly Glu Gln Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln
66 1 5 10 15
67 Ile Leu Val Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met
68 20 25 30
69 Ser Leu Ile Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly
70 35 40 45
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 46
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 5
78 Gly Asp Phe Asn Arg Gln Phe Leu Gly Gln Met Thr Gln Leu Asn Gln
79 1 5 10 15
80 Leu Leu Gly Glu Val Lys Asp Leu Leu Arg Gln Gln Val Lys Glu Thr
81 20 25 30
82 Ser Phe Leu Arg Asn Thr Ile Ala Glu Cys Gln Ala Cys Gly
83 35 40 45
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 46
87 <212> TYPE: PRT
88 <213> ORGANISM: Xenopus laevis
90 <400> SEQUENCE: 6
91 Gly Asp Val Ser Arg Gln Leu Ile Gly Gln Ile Thr Gln Met Asn Gln
92 1 5 10 15
93 Met Leu Gly Glu Leu Arg Asp Val Met Arg Gln Gln Val Lys Glu Thr
94 20 25 30
95 Met Phe Leu Arg Asn Thr Ile Ala Glu Cys Gln Ala Cys Gly
96 35 40 45
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 27
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 7
104 Gln Lys Leu Gln Asn Leu Phe Ile Asn Phe Cys Leu Ile Leu Ile Cys
105 1 5 10 15
106 Leu Leu Leu Ile Cys Ile Ile Val Met Leu Leu
107 20 25
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 9
111 <212> TYPE: PRT
112 <213> ORGANISM: papillomavirus
114 <400> SEQUENCE: 8
115 Leu Leu Leu Gly Thr Leu Asn Ile Val
116 1 5
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: papillomavirus
123 <400> SEQUENCE: 9

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124 Leu Leu Met Gly Thr Leu Gly Ile Val
125 1 5
127 <210> SEQ ID NO: 10
128 <211> LENGTH: 9
129 <212> TYPE: PRT
130 <213> ORGANISM: papillomavirus
132 <400> SEQUENCE: 10
133 Thr Leu Gln Asp Ile Val Leu His Leu
134 1 5
136 <210> SEQ ID NO: 11
137 <211> LENGTH: 9
138 <212> TYPE: PRT
139 <213> ORGANISM: papillomavirus
141 <400> SEQUENCE: 11
142 Gly Leu His Cys Tyr Glu Gln Leu Val
143 1 5
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 9
147 <212> TYPE: PRT
148 <213> ORGANISM: papillomavirus
150 <400> SEQUENCE: 12
151 Pro Leu Lys Gln His Phe Gln Ile Val
152 1 5
154 <210> SEQ ID NO: 13
155 <211> LENGTH: 115
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: chimeric rat comp
162 <400> SEQUENCE: 13
163 Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Gly Ala
164 1 5 10 15
165 Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Leu Ala Pro Gln Met
166 20 25 30
167 Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Glu
168 35 40 45
169 Leu Leu Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys Asn Thr Val
170 50 55 60
171 Met Glu Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr Pro Gly Thr
172 65 70 75 80
173 Ser Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln Pro
174 85 90 95
175 Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys
176 100 105 110
177 Asp Glu Leu
178 115
180 <210> SEQ ID NO: 14
181 <211> LENGTH: 387
182 <212> TYPE: DNA

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183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: chimeric rat COMP-KDEL
188 <400> SEQUENCE: 14
189 aagcttacc tgggaaagt cactgtggtg gcggcgcggt tgctgctgct gggcgcggtg      60
190 cgggcccagg gatccagcct ggggtggagac ctageccccc agatgcttcg agaactccag      120
191 gagactaatg cggcgctgca agacgtgaga gagctcttgc gacagcaggt caaggagatc      180
192 accttctctga agaatacggg gatggaatgt gacgcttgcc gaatgcagcc cgcacgcacc      240
193 cccggtacta gtcgcagccc gcagccgaaa ccgcagccgc agccgcagcc gcagccgaaa      300
194 ccgcagccga aaccggaacc ggaaggtacc ggatcatcag aaaaagatga gttgtaggcg      360
195 gccgcagaat tccatattgca tctcgag                                     387
197 <210> SEQ ID NO: 15
198 <211> LENGTH: 115
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: chimeric rat COMP-KDEL
205 <400> SEQUENCE: 15
206 Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
207   1           5           10          15
208 Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Pro Gln Met
209   20          25          30
210 Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Glu
211   35          40          45
212 Leu Leu Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys Asn Thr Val
213   50          55          60
214 Met Glu Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr Pro Gly Thr
215   65          70          75          80
216 Ser Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro
217   85          90          95
218 Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys
219   100         105         110
220 Asp Glu Leu
221   115
223 <210> SEQ ID NO: 16
224 <211> LENGTH: 387
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: chimeric rat COMP-KDEL
231 <400> SEQUENCE: 16
232 aagcttacc tgggaaagt cactgtggtg gcggcgcggt tgctgctgct gggcgcggtg      60
233 cgggcccagg gatccagcct ggggtggagac tgttgtccac agatgcttcg agaactccag      120
234 gagactaatg cggcgctgca agacgtgaga gagctcttgc gacagcaggt caaggagatc      180
235 accttctctga agaatacggg gatggaatgt gacgcttgcc gaatgcagcc cgcacgcacc      240
236 cccggtacta gtcgcagccc gcagccgaaa ccgcagccgc agccgcagcc gcagccgaaa      300
237 ccgcagccga aaccggaacc ggaaggtacc ggatcatcag aaaaagatga gttgtaggcg      360
238 gccgcagaat tccatattgca tctcgag                                     387
240 <210> SEQ ID NO: 17

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241 <211> LENGTH: 105
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: chimeric mouse TSP3-KDEL
248 <400> SEQUENCE: 17
249 Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
250 1 5 10 15
251 Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Lys Ala Leu
252 20 25 30
253 Val Thr Gln Leu Thr Leu Phe Asn Gln Ile Leu Val Glu Leu Arg Asp
254 35 40 45
255 Asp Ile Arg Asp Gln Val Lys Glu Met Ser Leu Ile Arg Asn Thr Ile
256 50 55 60
257 Met Glu Cys Gln Val Cys Gly Pro Gln Pro Gln Pro Lys Pro Gln Pro
258 65 70 75 80
259 Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly
260 85 90 95
261 Thr Gly Ser Ser Glu Lys Asp Glu Leu
262 100 105
264 <210> SEQ ID NO: 18
265 <211> LENGTH: 357
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: chimeric mouse TSP3-KDEL
272 <400> SEQUENCE: 18
273 aagcttacca tgggaaagtt cactgtggtg gcggcgccgt tgctgctgct gggcgcggtg 60
274 cgggcccagg gatccagcct ggggtggagac tgttgtaagg cattggtcac ccagctcacc 120
275 ctcttcaacc agatccctagt ggagcttcgg gacgacatcc gagaccaggt gaaggaaaatg 180
276 tcactcatcc ggaacaccat catggagtgt caggtgtgcg gtccgcagcc gcagccgaaa 240
277 ccgcagccgc agccgcagcc gcagccgaaa ccgcagccga aaccggaacc ggaagggtacc 300
278 ggatcatcag aaaaagatga gttgtaggcg gccgcagaat tccatatgca tctcgag 357
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 109
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: chimeric mouse TSP3-KDEL
288 <400> SEQUENCE: 19
289 Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
290 1 5 10 15
291 Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Gly Glu Gln
292 20 25 30
293 Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln Ile Leu Val
294 35 40 45
295 Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met Ser Leu Ile
296 50 55 60
297 Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly Pro Gln Pro Gln Pro

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VERIFICATION SUMMARY DATE: 11/08/2000
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L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:641 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:38
L:641 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:641 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:38